

Title (en)

An improved hyrdoelectric turbine system

Title (de)

Verbessertes hydroelektrisches Turbinensystem

Title (fr)

Système de turbine hydroélectrique amélioré

Publication

EP 2886851 A1 20150624 (EN)

Application

EP 13198099 A 20131218

Priority

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Abstract (en)

The present invention is concerned with a hydroelectric turbine system (10) which includes a base (12) and a turbine (14) mounted for support on the base, the base have a number of ground contacting legs (18, 20) which penetrate the seabed in order to prevent movement of the system (10) under tidal forces, wherein at least one of the legs (18, 20) is disposed at an angle, in use, to the horizontal in order to increase penetration into the seabed in response to the tidal forces acting on the system, thereby reducing or eliminating sliding displacement of the base along the seabed.

IPC 8 full level

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CPC (source: EP)

F03B 13/264 (2013.01); **F05B 2240/97** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)

- [XII] WO 2004022968 A1 20040318 - HAMMERFEST STROEM AS [NO], et al
- [XAI] WO 03046375 A1 20030605 - PIZZAGALLI ROBERTO [IT]
- [A] US 4524285 A 19850618 - RAUCH HANS G [US]
- [A] EP 2199602 A1 20100623 - OPENHYDRO IP LTD [IE]
- [A] WO 2011147481 A2 20111201 - SIEMENS AG [DE], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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